



NOTE:  
UNLESS OTHERWISE INDICATED ON PLANS, MAXIMUM ANGLES SHOWN SHALL APPLY.

TYPICAL DUCTWORK TRANSITION  
WITH EQUIPMENT MOUNTED IN DUCT  
NOT TO SCALE

STEAM HEATING COIL PIPING – MODULATING CONTROL VALVE

---

NOT TO SCALE

NOT TO SCALE

# AIR HANDLING UNIT DRAIN TRAP DETAIL

NOT TO SCALE

## SEQUENCE OF CONTROL

1. WHEN DUCT HUMIDISTAT H-1 IS NOT CALLING FOR HUMIDITY ON-OFF TWO WAY CONTROL VALVE V-1 SHALL REMAIN CLOSED. WHEN H-1 IS CALLING FOR HUMIDITY VALVE V-1 SHALL OPEN.
2. DUCT HUMIDISTAT H-1 SHALL MODULATE VALVE V-2 TO MAINTAIN THE DESIRED RELATIVE HUMIDITY SUBJECT TO ITS MODULATING THE HIGH LIMIT DUCT HUMIDISTAT, H-2 SET AT 80% RELATIVE HUMIDITY. VALVE V-1 SHALL CLOSE WHENEVER SUPPLY FAN IS OFF. VALVE V-2 SHALL BE INTERLOCKED WITH A TEMPERATURE SWITCH TO KEEP THE HUMIDIFIER OFF UNTIL CONDENSATE APPROACHES STEAM TEMPERATURE.

## PIPE/DUCT PENETRATION OF FIRE/SMOKE BARRIERS

NOT TO SCALE